

Fig 1

Figure 2: Schematic diagram of the microfluidic device fabrication process. The process involves photolithography of a silicon master, PDMS casting, and subsequent functionalization of the substrate with a polymer layer and biotin groups.

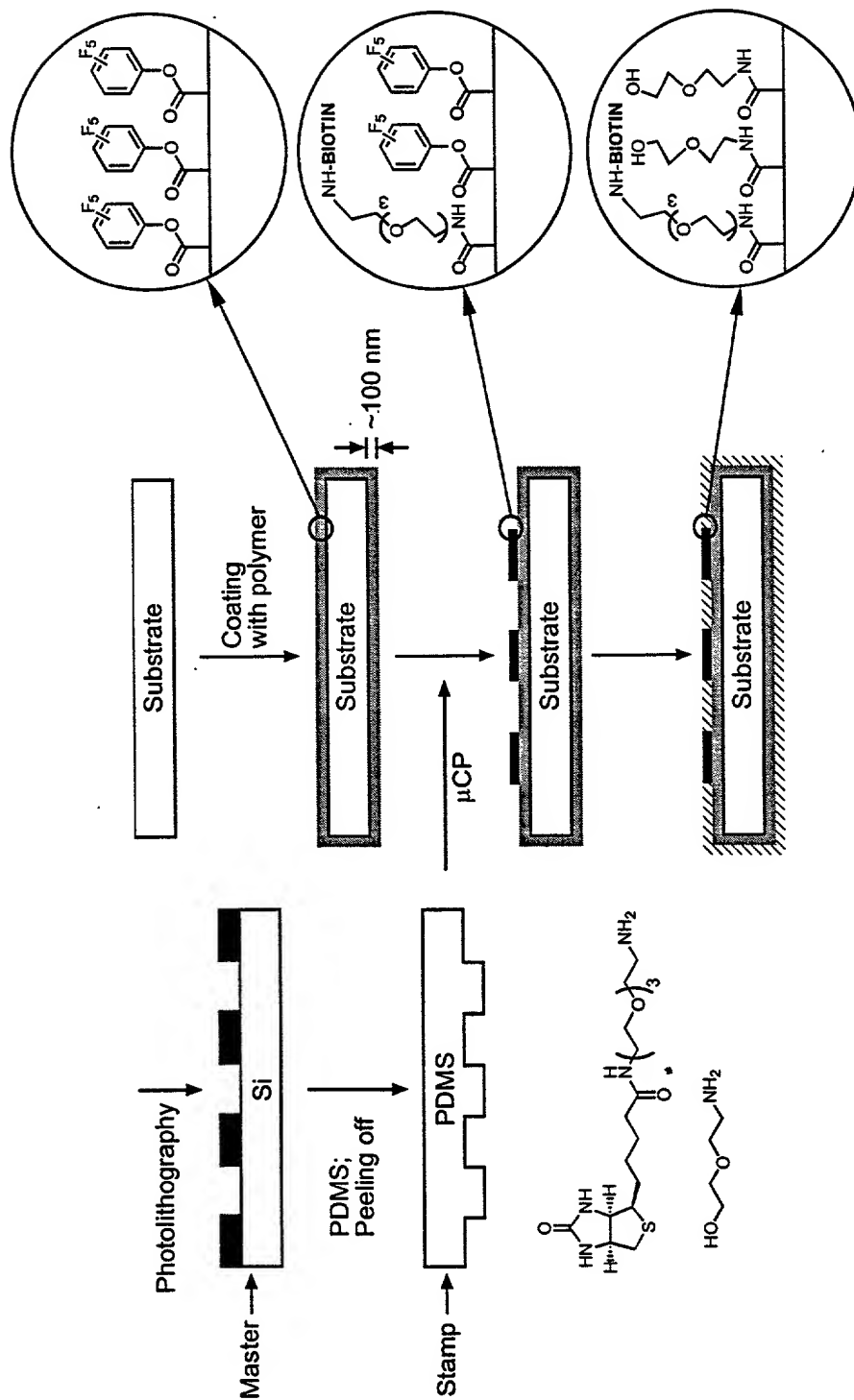
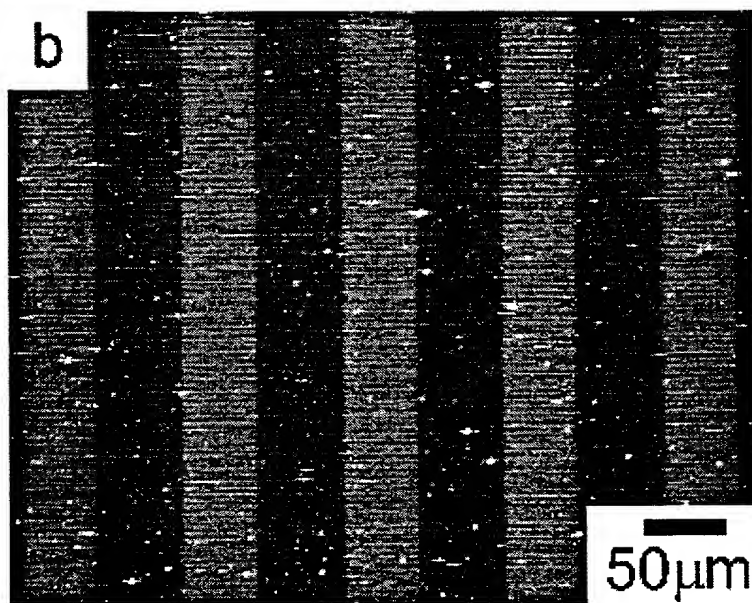
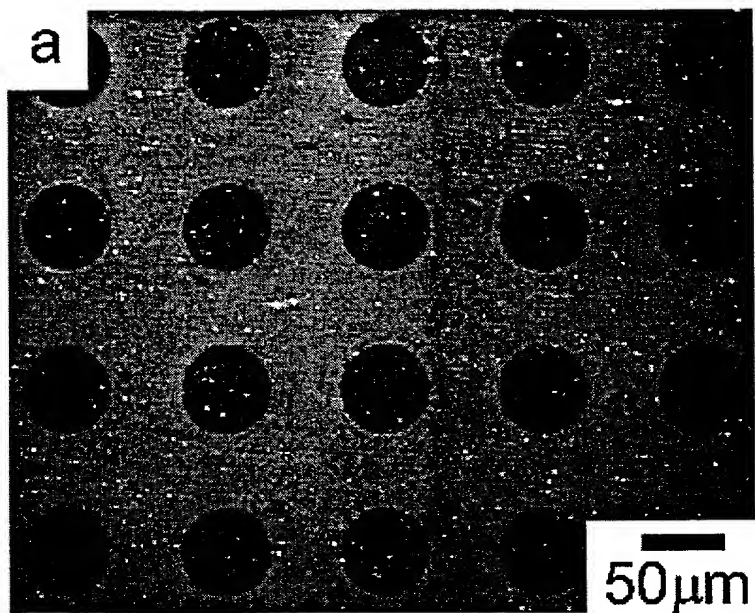


Fig 2



Figs 3a and 3b .

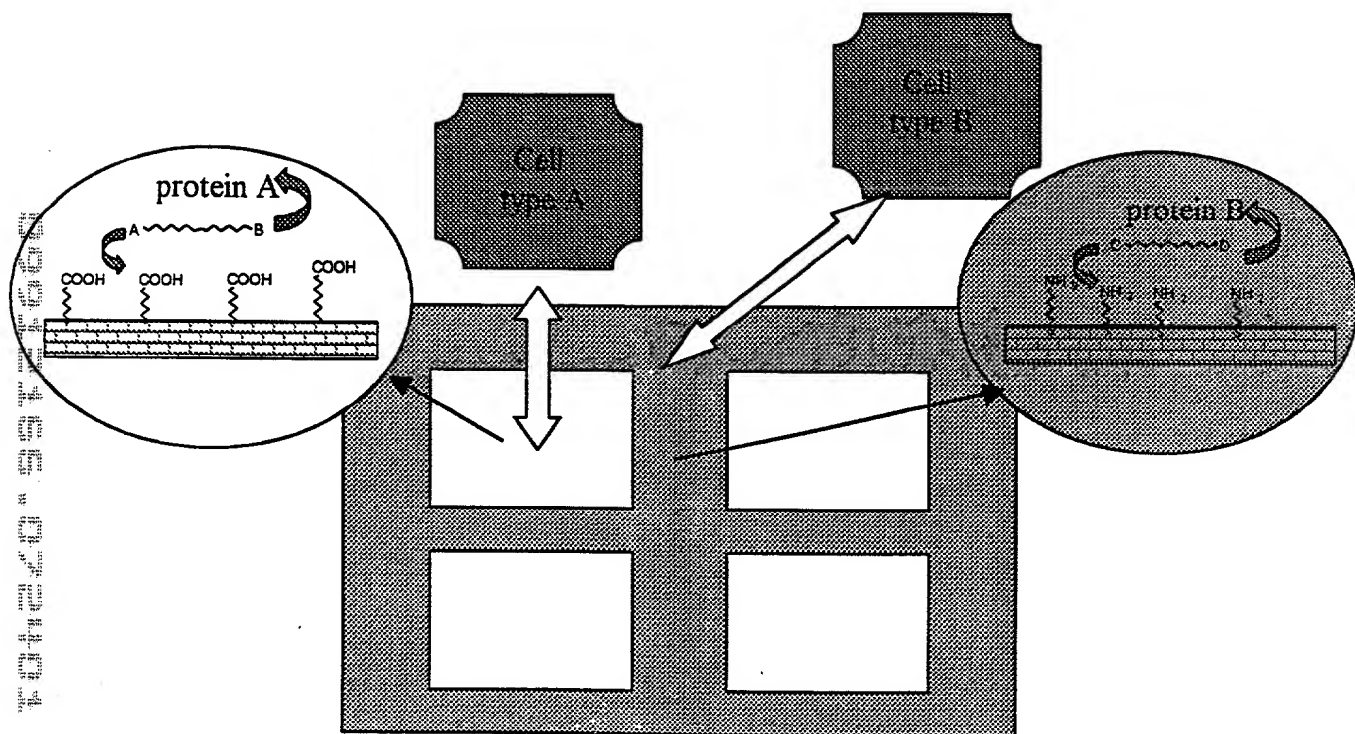


Fig 4

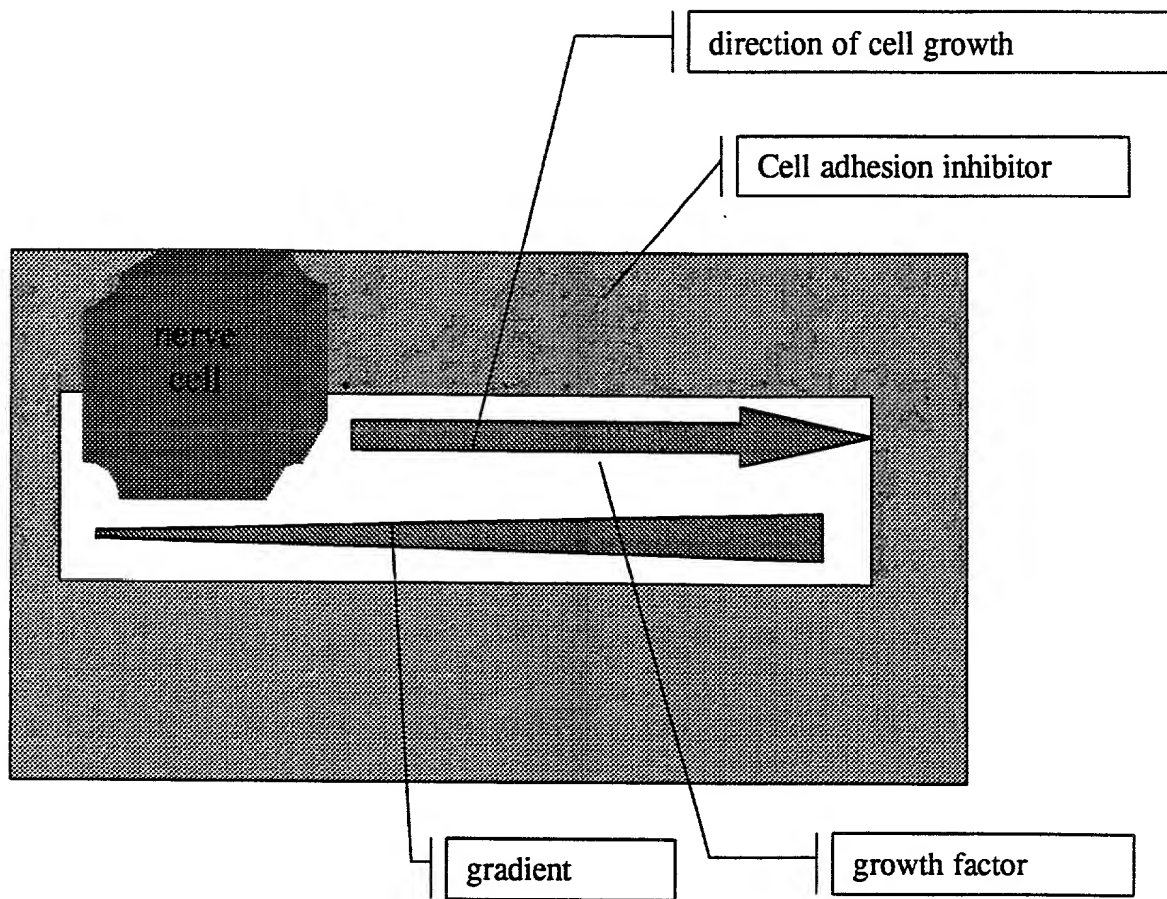
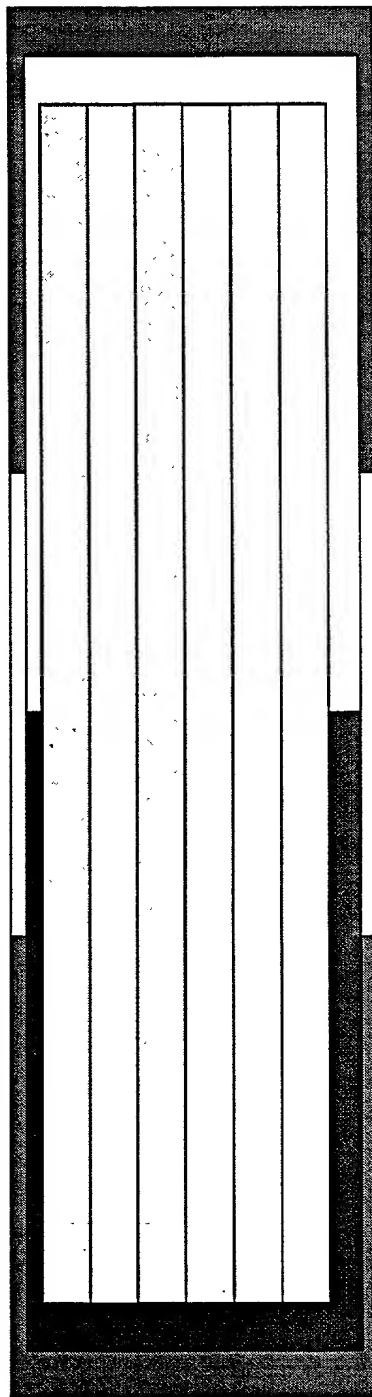
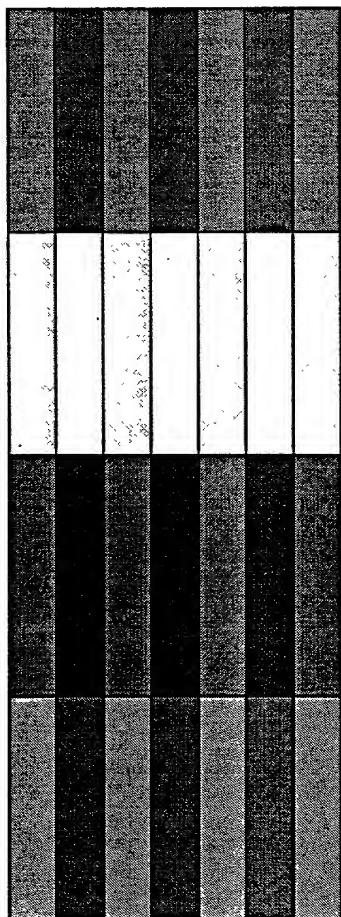


Fig 5

Fig. 6 is a plan view of the device showing the arrangement of the components in the device.



+



+



Fig. 6

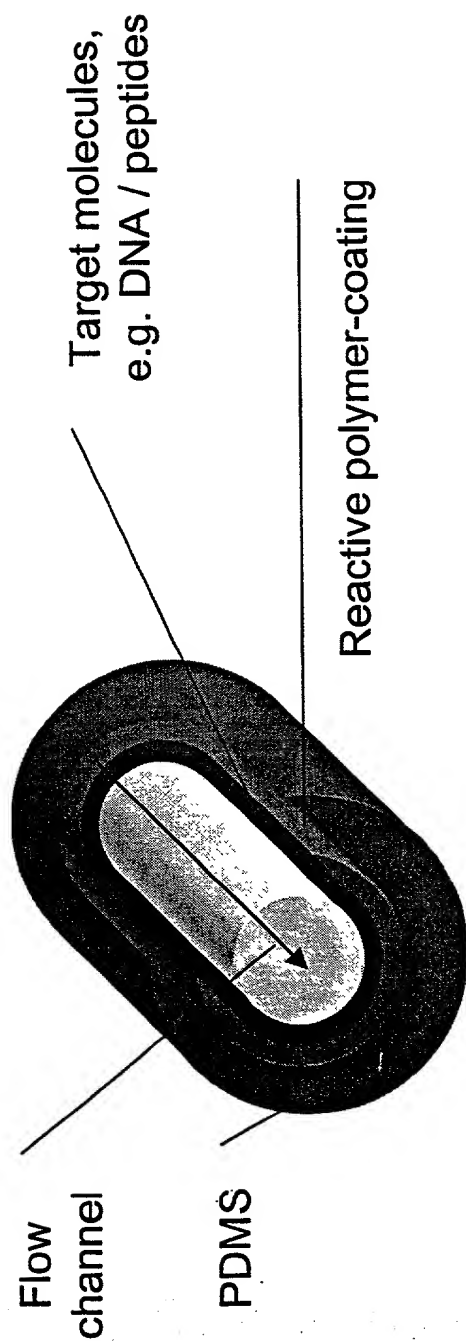
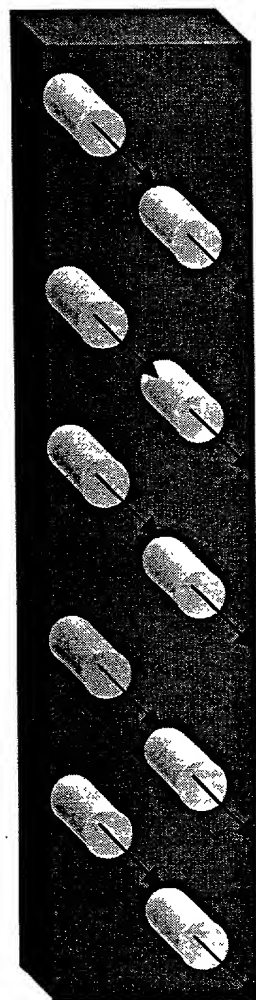


Fig 7